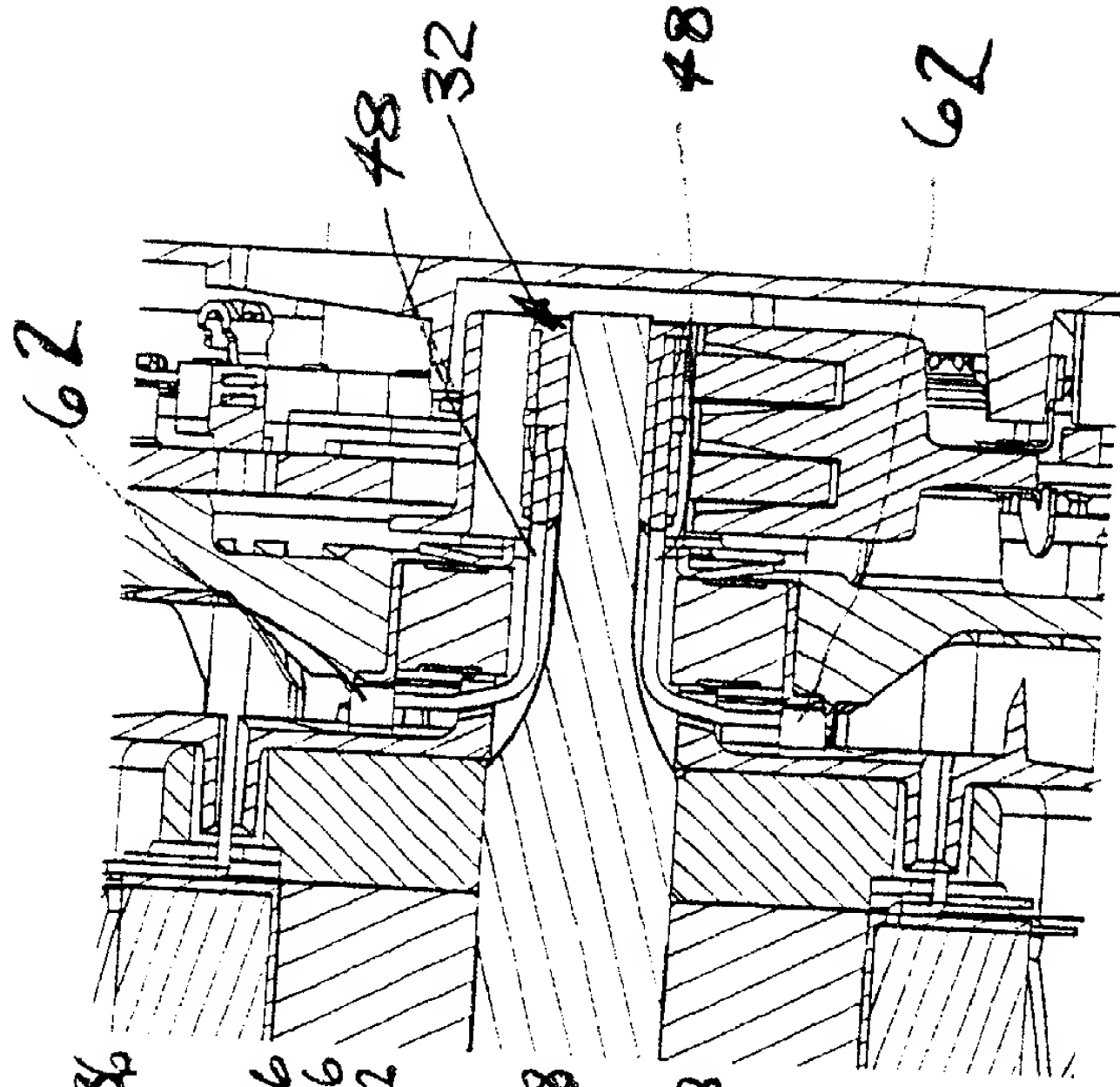


Simplified Cross-section  
view of alternator

Figure 1



Cross-section view of  
Rear components of alternator  
(showing Slip Ring and coil wires)

Figure 16

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Alternator Rotor Cross Section  
(Please note that the Coil and Slip Ring wires  
are not shown in the twisted and welded condition)

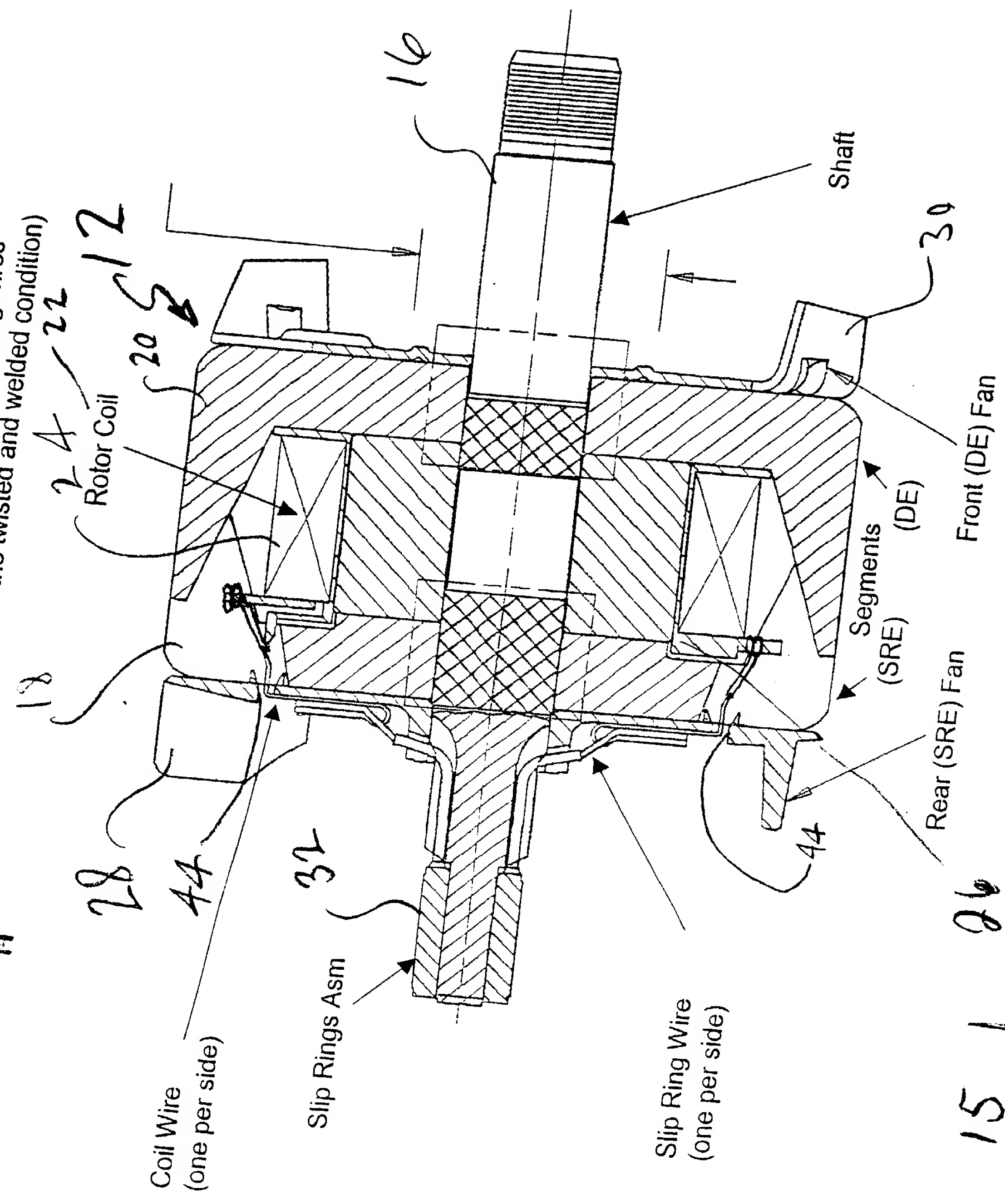
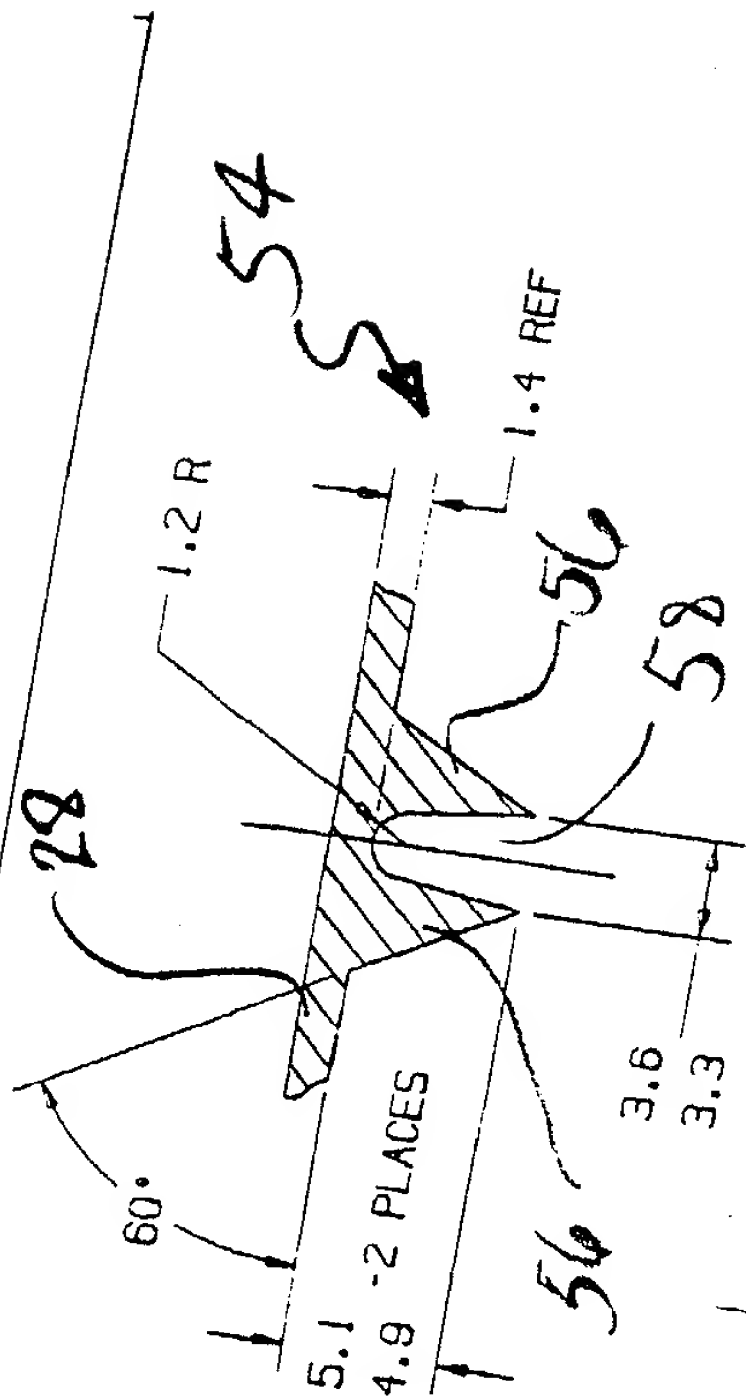


Figure 2

# Ultrasonically Welded Wire Retention Area for New Rotor

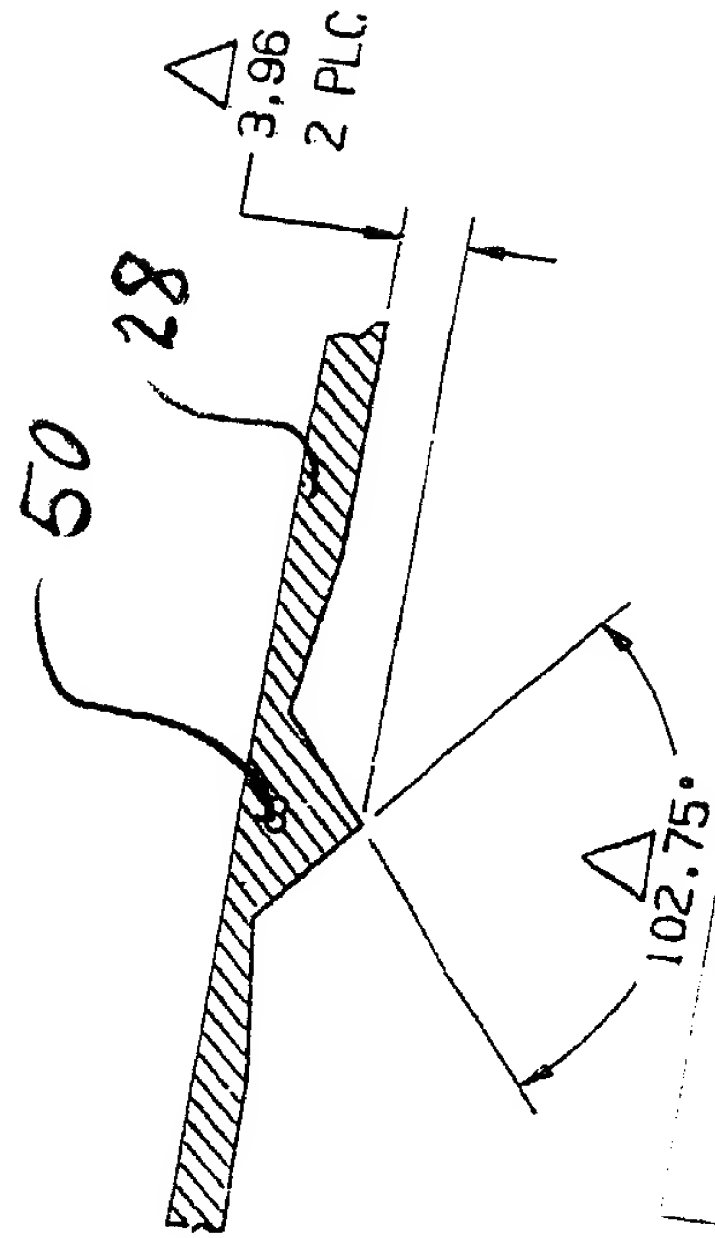
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SRE (Rear) Fan  
Before U-S operation to hold  
wires on new rotor

Figure 3

Alternator Front  
for both views



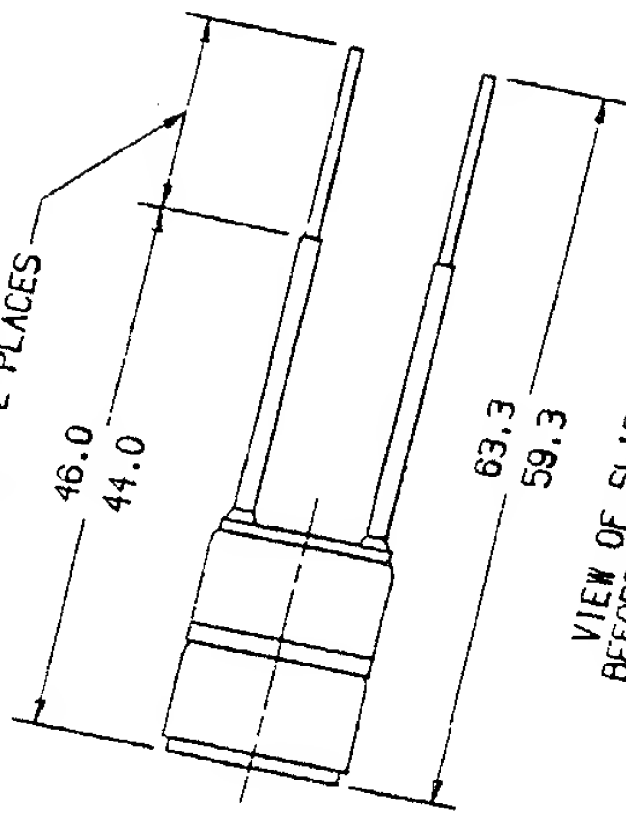
SRE (Rear) Fan  
After U-S operation to hold  
wires on new rotor

Figure 4

FIGURE 5

# Alternator Slip Rings

STRIP LEAD FOR DISTANCE SHOWN - 2 PLACES



VIEW OF SLIP RING  
BEFORE FORMING LEADS

Figure 5

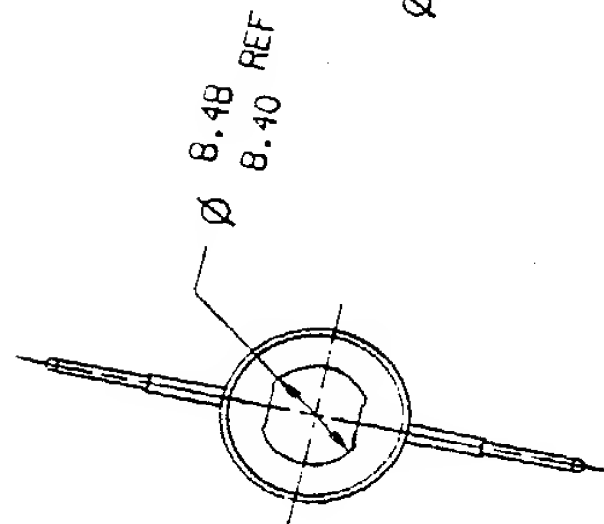


Figure 7

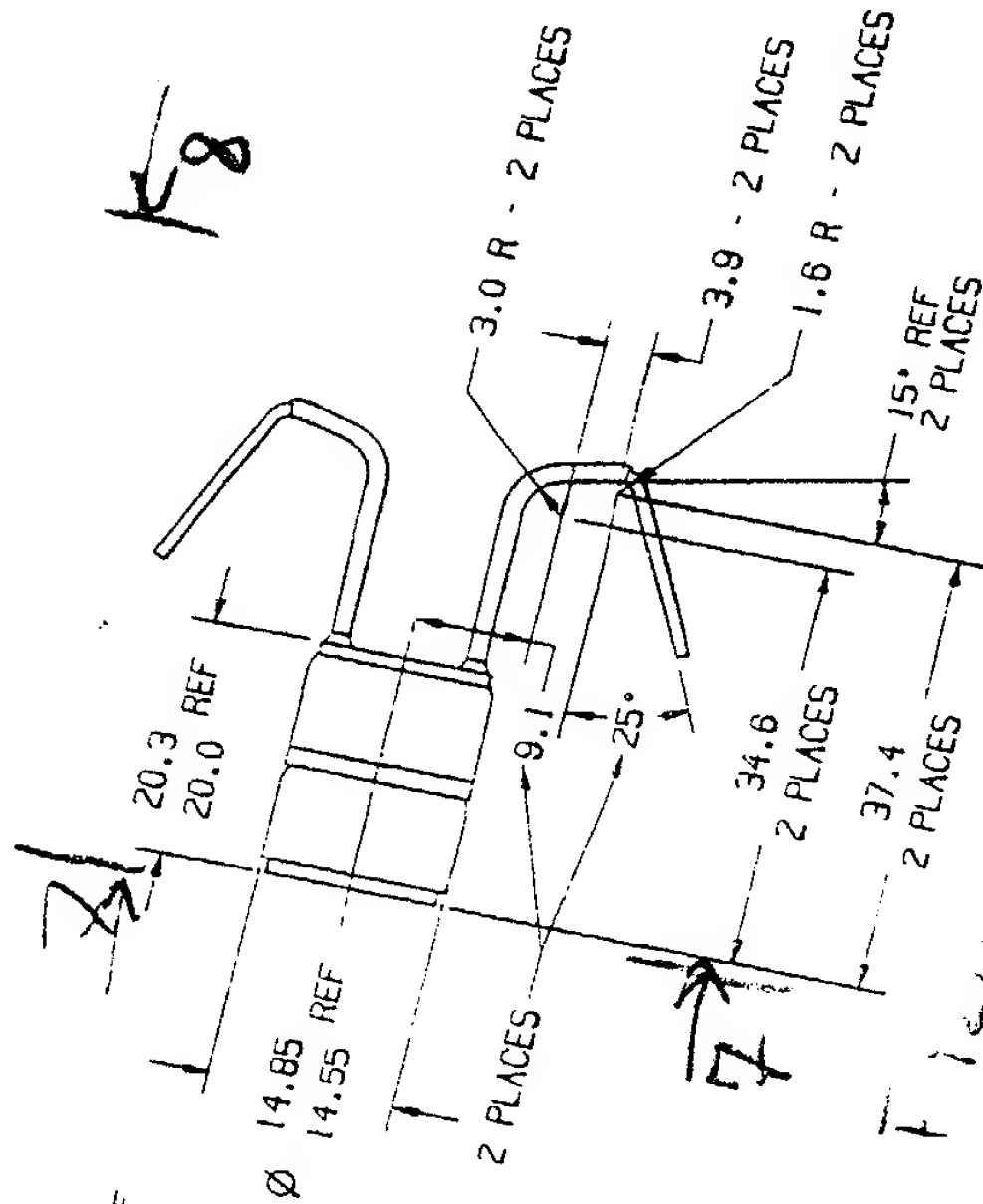


Figure 6

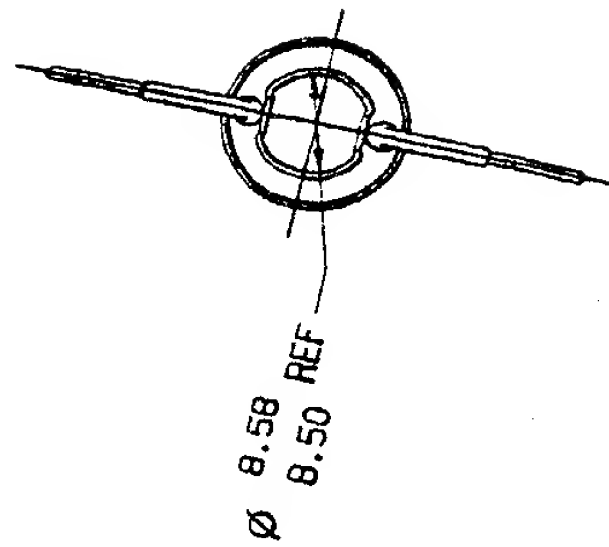
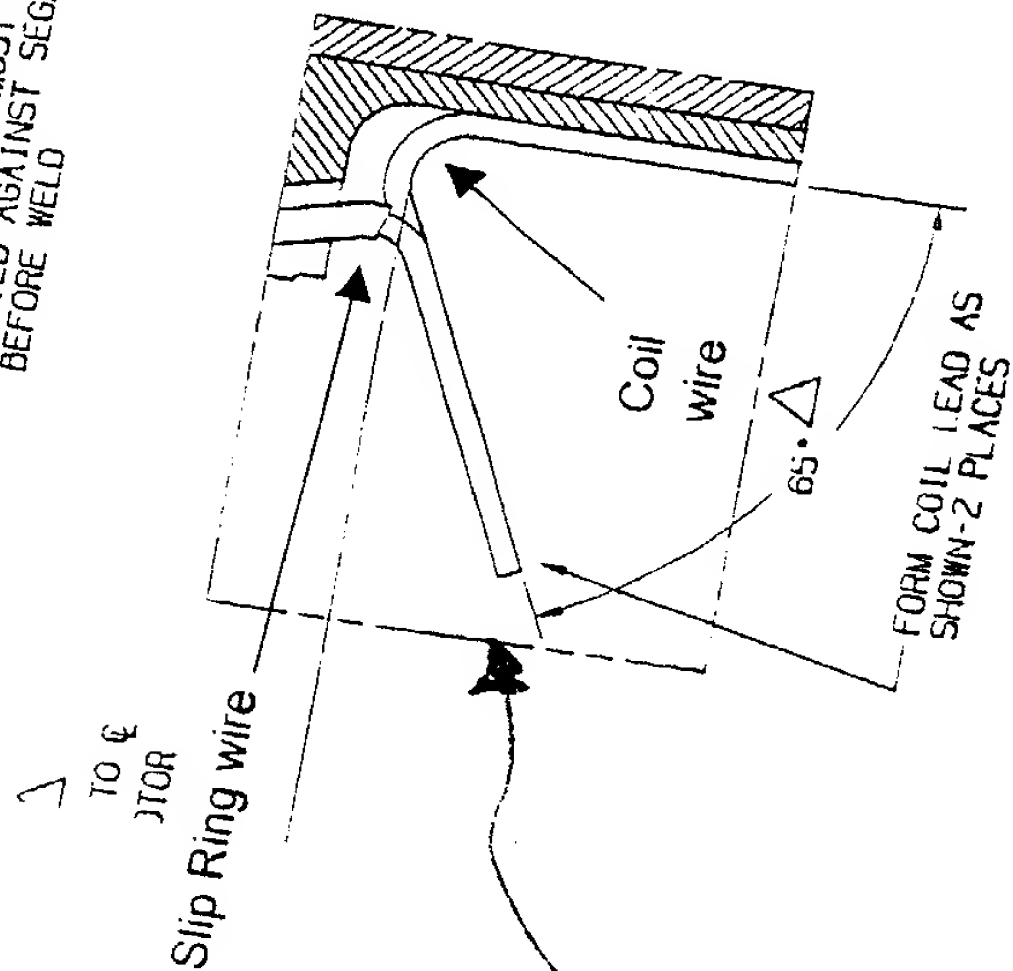


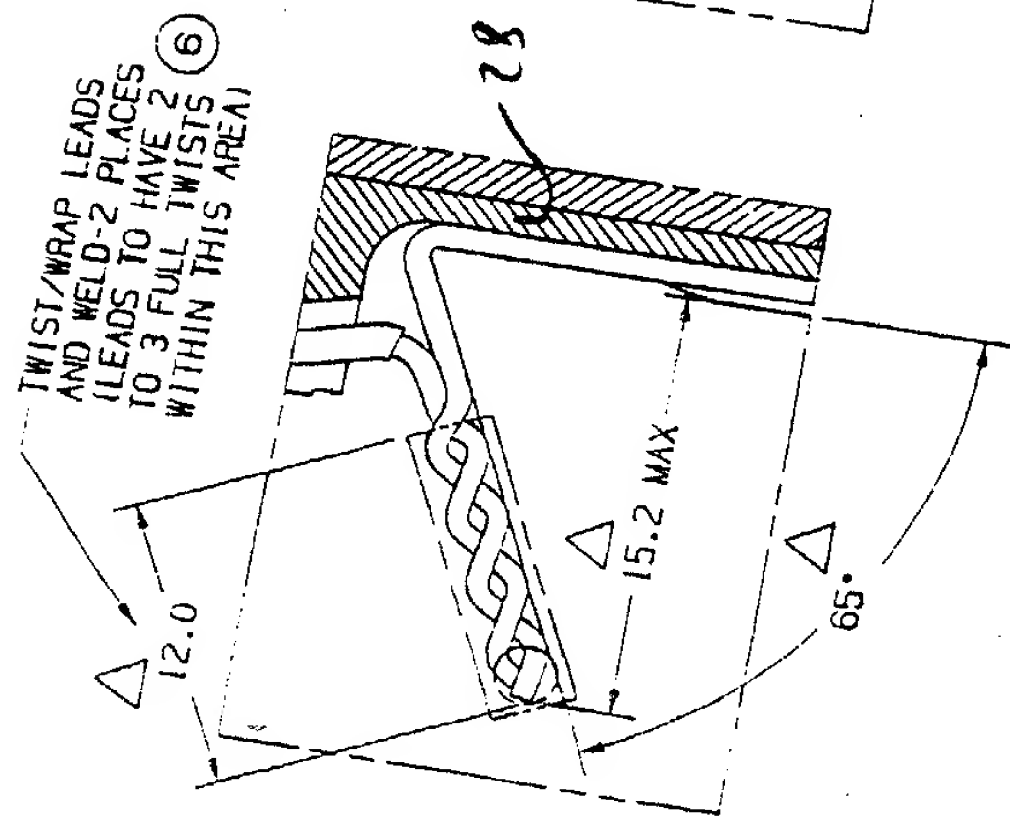
Figure 8

# Views showing connection of Slip Ring & Coil

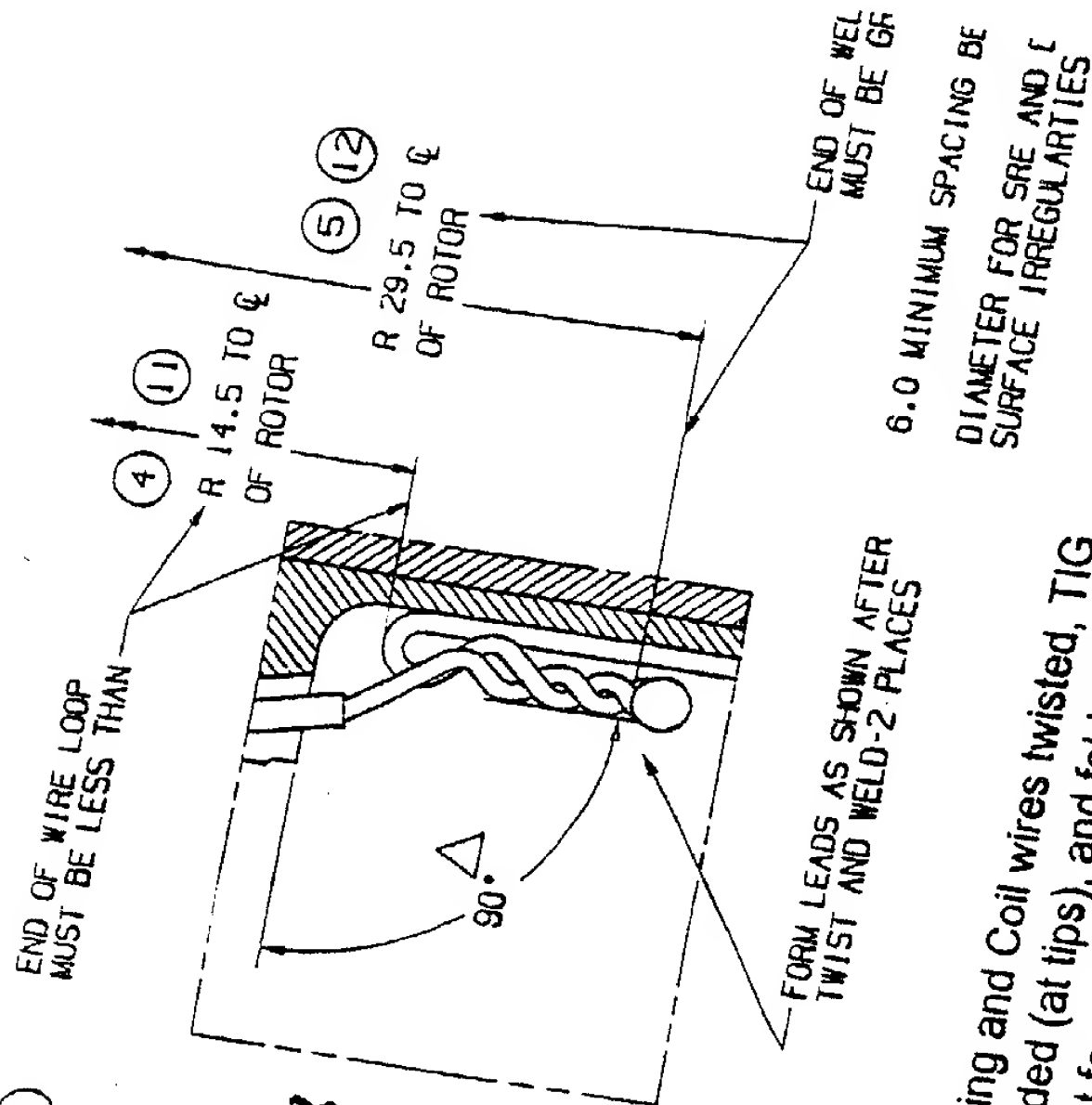
10475754 FAN-MUST BE SEATED AGAINST SEGMENT BEFORE WELD



Slip Ring and Coil wires formed, and lined up for twisting



Slip Ring and Coil wires twisted together



Slip Ring and Coil wires twisted, TIG welded (at tips), and folded flat against fan, ready for cap placement

Figure 9

Figure 10

Figure 11

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# Alternator Rotor Repair Cap

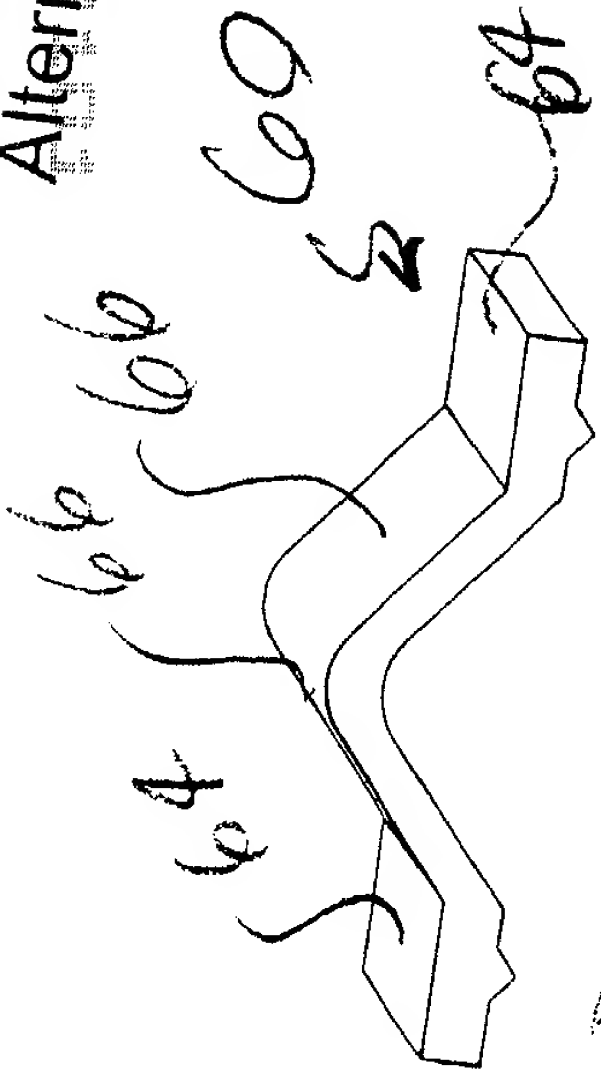


Figure 12

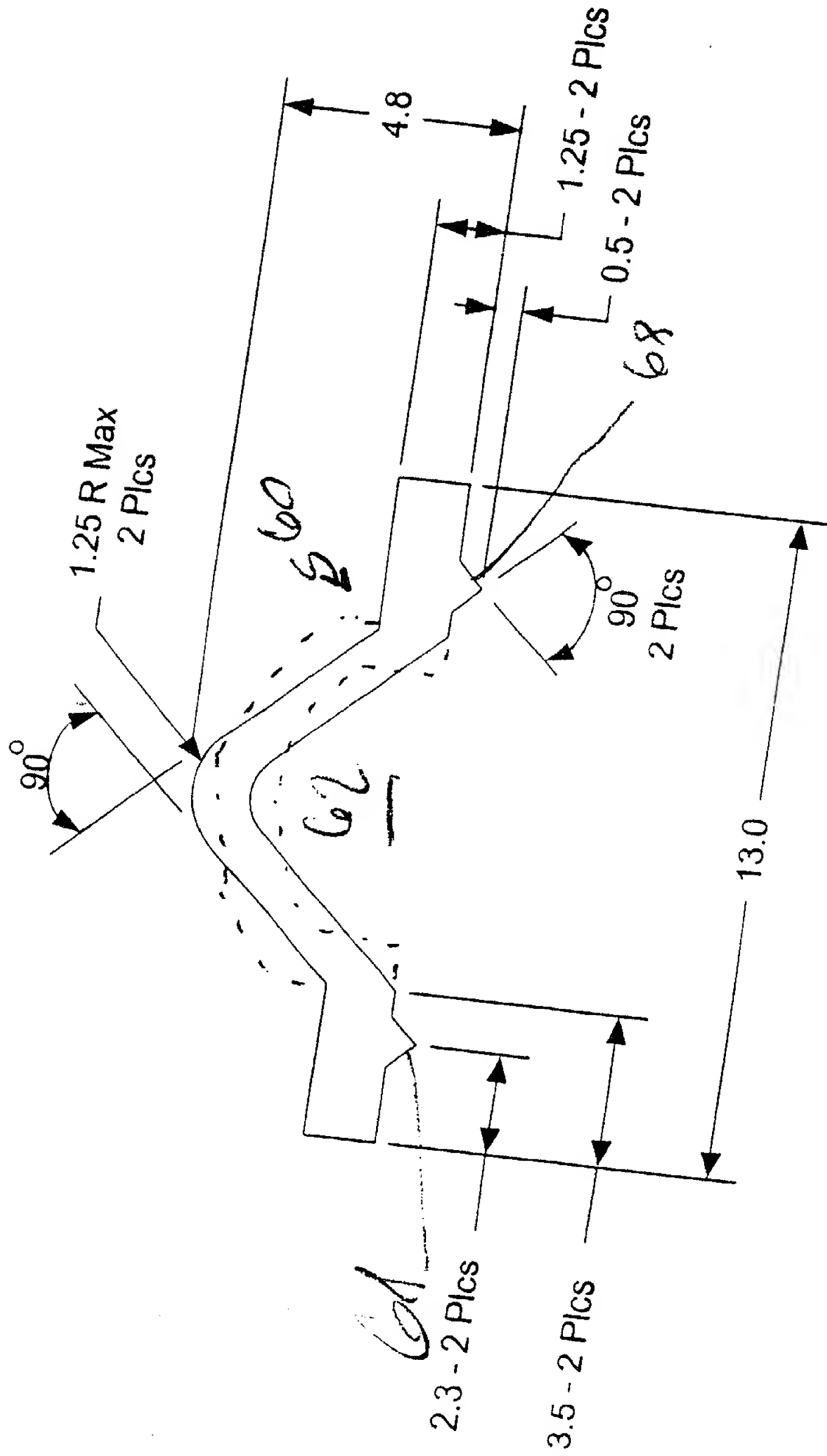


Figure 13

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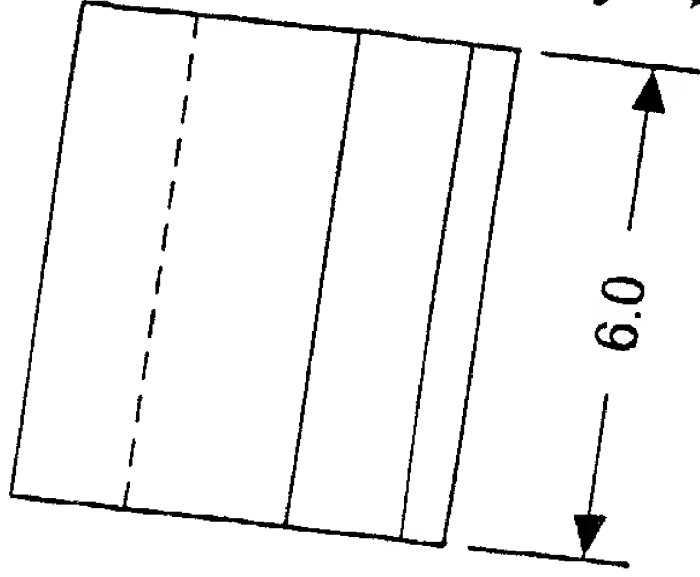
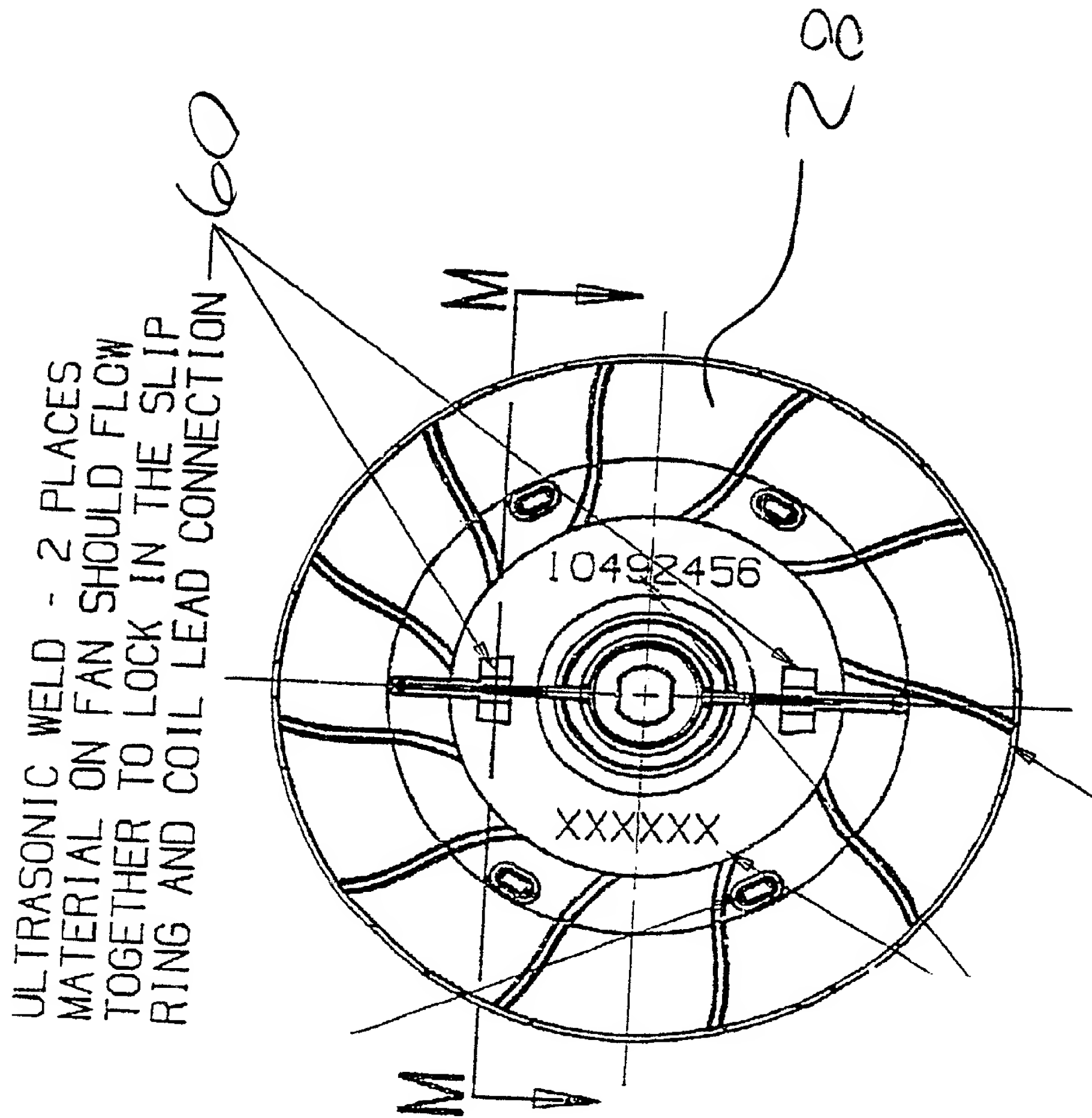


Figure 14

View of New Rotor 60  
from rear



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Figure 15



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Figure 17

